

OPTICAL MICRO PLUGS FOR MULTI-CHANNEL AND MULTILAYER PHARMACEUTICAL DEVICE

Abstract

A method of making and the resultant micro well plate that includes a plurality of greensheets, either laminated or sintered together, whereby these greensheets have a plurality of vertical micro well reaction chamber openings therein, and optionally a plurality horizontal channels connecting selected well reaction chamber openings. The vertical micro well reaction chambers have at, at least one end thereof a plurality of optical micro plugs which are aligned to the vertical micro well reaction chamber openings. The plurality of optical micro plugs allow for the micro well plate to be integrated with macro analytical instrumentation for the analysis, examination, and/or testing of chemicals, reagents or samples provided within the vertical micro well reaction chamber openings.